

Department of the Army  
Headquarters, U.S. Army  
Operations Support Command  
1 Rock Island Arsenal  
Rock Island, IL 61299-6000

\*OSC Regulation 10-4

28 Apr 2000

## Organization and Functions

### MISSION AND MAJOR FUNCTIONS OF THE CRANE ARMY AMMUNITION ACTIVITY (CAAA)

---

Applicability. This regulation applies to Crane Army Ammunition Activity (CAAA), a subordinate installation of the U.S. Army Operations Support Command (OSC).

Decentralized printing. All OSC installations may locally reproduce this regulation.

Supplementation. Persons who wish to supplement this regulation and establish a local form must obtain approval from the proponent.

Proponent. The proponent of this regulation is the Resource Management Center. Users may send comments and suggested improvements to HQ OSC, ATTN: AMSOS-RMM, Rock Island, IL 61299-6000, e-mail [amsos-rmm@osc.army.mil](mailto:amsos-rmm@osc.army.mil).

Distribution. Distribution of this regulation is determined by the proponent (available electronically on the Internet at <http://www.osc.army.mil/im/rcdsmgt/pubs.htm>).

Supersession Notice. \*This regulation supersedes IOCR 10-4, 16 Jan 96.

---

FOR THE COMMANDER:

Official: //signed//  
Robert A. Benson  
Colonel, GS  
Chief of Staff

---

<u>Contents</u>	<u>Paragraph</u>
Purpose -----	1
General -----	2
Mission -----	3
Responsibilities and Major Functions -----	4

1. Purpose. This regulation sets forth the mission and major functions of CAAA and assigns responsibility and delegates commensurate authority to the Commanding Officer of this installation to direct the accomplishment of assigned mission.

2. General. CAAA is an ammunition-oriented Army Working Capital Fund (AWCF) military installation with a satellite location called the Letterkenny Munitions Center (LEMC) at Letterkenny Army Depot. CAAA is also an ammunition activity and a tenant of the Crane Division, Naval Surface Warfare Center.

3. Mission. To produce, for peacetime and replenishment, and renovate conventional ammunition, missiles and related components. Perform manufacturing, engineering, and product assurance in support of production. Plan, program, manage, receive, renovate, store, issue, ship, and/or demilitarize and dispose of conventional ammunition, missiles, and their associated components. Test, assemble, disassemble and screen missiles and components. Conduct ammunition function testing for the Continental United States (CONUS). Higher headquarters designated CAAA as a Tier 1 storage site. Higher headquarters designated LEMC as a Tier 1 storage facility for missiles and a Tier 2 for storage of conventional ammunition.

4. Responsibilities and Major Functions.

a. Operate, or maintain in operational readiness, required loading, assembling and pack facilities for the production and/or renovation of conventional ammunition and ammunition related components.

b. Load, assemble, pack, renovate, and/or modify conventional ammunition and related items/components as assigned to the Single Manager for Conventional Ammunition (SMCA) under the provisions of DOD 5160.65M, and non-SMCA items as specified in Interservice Support Agreements (ISA) with other Department of Defense (DOD) components.

c. Receive, store, issue/ship conventional ammunition and related components as assigned to the SMCA IAW the provisions of DOD 5160.65M, DOD 5100.76-M, and non-SMCA items as agreed upon in ISA.

d. Demilitarize and dispose of unserviceable, obsolete, and surplus ammunition, weapons, equipment, materiel, and related components, as assigned.

e. Provide special/experimental prototype support service to designated research and development activities, as assigned, and where applicable to low rate initial production facilities.

f. Store and maintain war reserve ammunition in a state of readiness for national emergency including assembling or otherwise providing base unit materiel.

g. Store national stockpile and industrial reserve materiel.

h. Perform product assurance in support of procurement, production, renovation, demilitarization, receipt, storage, issue, and maintenance of assigned materiel.

i. Perform value engineering studies to reduce manufacturing/production, facility operations/maintenance, and operation and support costs, in support of the CAAA Value Engineering Program.

j. Perform Industrial Preparedness Planning for assigned items in coordination with HQ OSC.

k. Maintain the capability to accommodate the receipt and shipment of containerized cargo.

l. Produce, store, transport and/or demilitarize ammunition items and control pollutants within the framework of all applicable environmental laws, including those established by the U.S. Environmental Protection Agency, the applicable state and local governments, and Army Regulations.

m. Maintain nondestructive testing (NDT) facilities and capabilities to perform the full range of NDT tests defined in the American Society for Testing and Materials (ASTM)-E-1742 (95), Standard Practice for Radiographic Examination. This contains the minimum requirements for x-ray.

n. Provide a full service chemical laboratory to include wet and spectrometric analysis in support of safety and production.

o. Provide a full range of contracting and procurement services, as applicable, to CAAA and tenant activities; e.g., utilities, plant services, security, buildings/grounds/equipment maintenance, major construction, installation support, and selected ammunition material/components.

p. Direct CAAA's efforts on environmental protection.

q. Serve as Tier I depot to support the Army's Strategic Mobility Plan (ASMP) (power projection) by storing, training, and war reserve ammunition to meet critical ammunition needs in the first 30 days of mobilization.

r. Test and evaluate specified stocks of conventional ammunition. Determine functional and nonfunctional characteristics and capabilities of ammunition and ammunition components, develop shelf or service life, and detect trends in stockpile performance.

s. Establish and maintain an Equipment Management Program for the management of Government-owned property.

t. Ensure application of sound traffic management principles and factors for assigned missions.

u. Provide and maintain a total installation program that proliferates a strong pride of workmanship where the objective is for each employee to be responsible for effectively controlling quality within the workplace.

v. Market our capabilities to customers both inside and outside DOD.

w. Maintain and apply a quality program to ensure all quality-influencing actions at CAAA are controlled and performed to the satisfaction of our customers.

x. Provide and maintain the capability for quality auditing in acceptance testing IAW CAAAR 702-1, Quality System Management of ammunition products and services in support of CAAA and other OSC and DOD installations.

y. Provide procurement management for the acquisition of supplies and services required to support CAAA production, maintenance, and storage mission in a manner that promotes continuous improvement in quality, costs, and productivity.

z. Coordinate the execution, conduct, approval, and implementation of all efficiency oriented reviews and studies performed at and/or for CAAA.

aa. Administer an effective Army Ideas of Excellence Program.

ab. Provide and maintain the capability for acceptance testing of pyrotechnic products to include manufacture and repair of parachutes for illuminating and smoke munitions, and explosive loaded materiel in support of the activity and other DOD facilities.

ac. Provide, apply, and maintain a quality program to effectively control all quality influencing activities of all CAAA directorates.

ad. Organize and serve as training facilitator in the area of ammunition storage and materiel management for Reserve Units.

ae. Coordinate commercial activities program.

af. Provide and maintain the only white phosphorous/phosphoric acid conversion plant within the Services.

ag. Provide surface finishes/plating to component parts and finished items/materials, as required.

ah. Serve as the Pollution Prevention Center for Technical Exchange (CTX) within OSC for ammunition operations with responsibility for eliminating the significant environmental and safety risks associated with ammunition production, maintenance, storage and renovation operations through the implementation of improved processes, techniques, and materials, as well as alternative waste processing and recycling methods.

ai. Provide long-range planning and implementation of construction functions for real property facilities.

aj. Maintain technical and production expertise in the areas of production and demil of plastic bonded explosives, pyrotechnics, and other ordnance processes such as press and cast loading to ensure "in-house" Government knowledge retention. This expertise reviews technical data packages for adequacy during the development process and to assist proper needing entities with ordnance production challenges.

ak. Perform training, technical assistance, and maintenance in the field per customer requirements.

al. Manage a firing range used for testing of everything from small arms to howitzers and tanks.

am. Serve as a Radiographic Inspection Facility for the Army. LEMC has the capability to x-ray through up to 20 inches of steel.

an. Provide services under a support agreement with the Air Force to store, test, and ship SHRIKE, Sparrow, Sidewinder, and the HARM missiles, and to up round Sparrow and Sidewinder missiles. This operation includes electronic testing, certification, assembly, disassembly, the x-ray of rocket motors, and maintenance of all the components of these missile systems. CAAA provides this service to the Navy for Sidewinder, HARM, Phoenix, Penguin, and Harpoon missiles.